

Fig-1

TRANSMISSION LOSS OF OPTIMIZED ACOUSTIC NOTCH FILTER
OPTIMIZATION BANDWIDTH : 60 Hz-120 Hz ; CENTER FREQUENCY 90 Hz

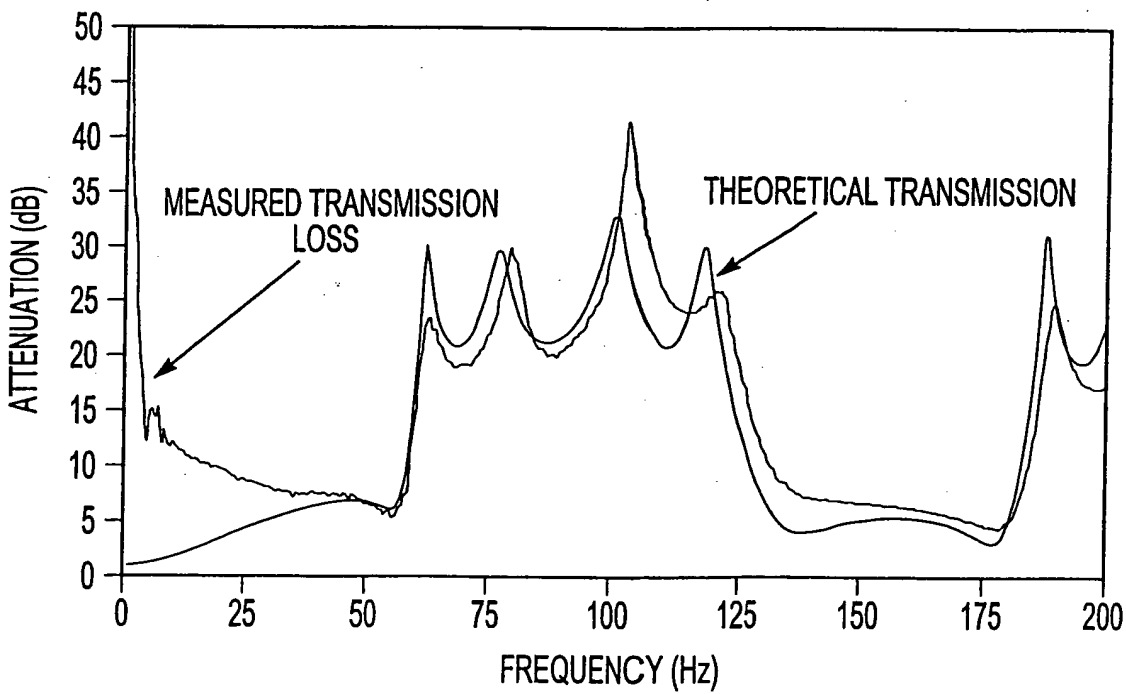


FIG 2

Transmission Loss: 90 Hz Herschel-Quincke Tube
Measured Vs Analytical

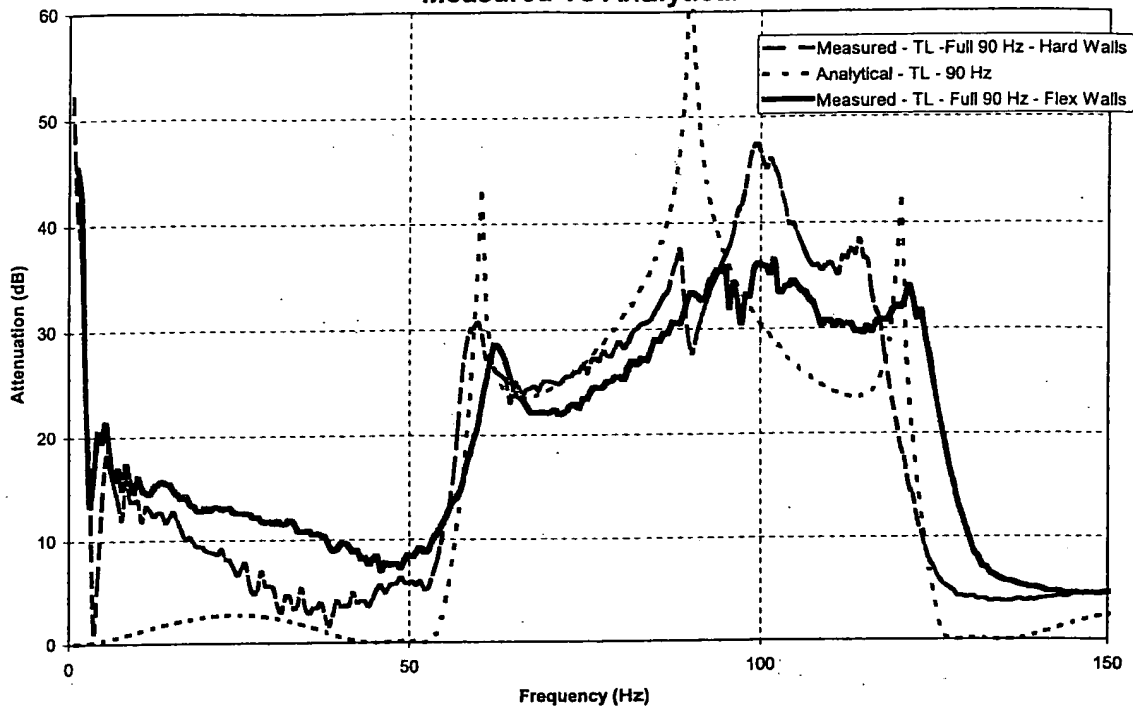


FIG 3

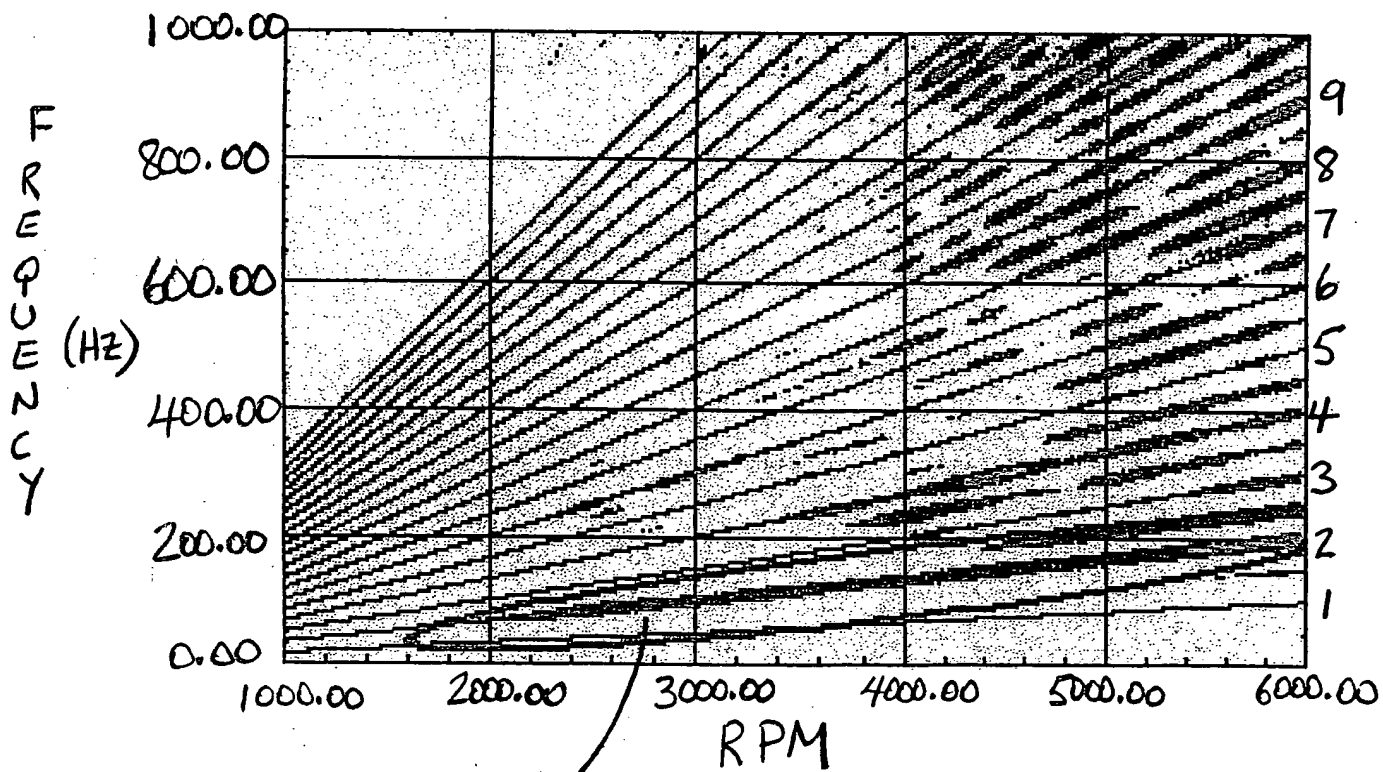


FIG 4A

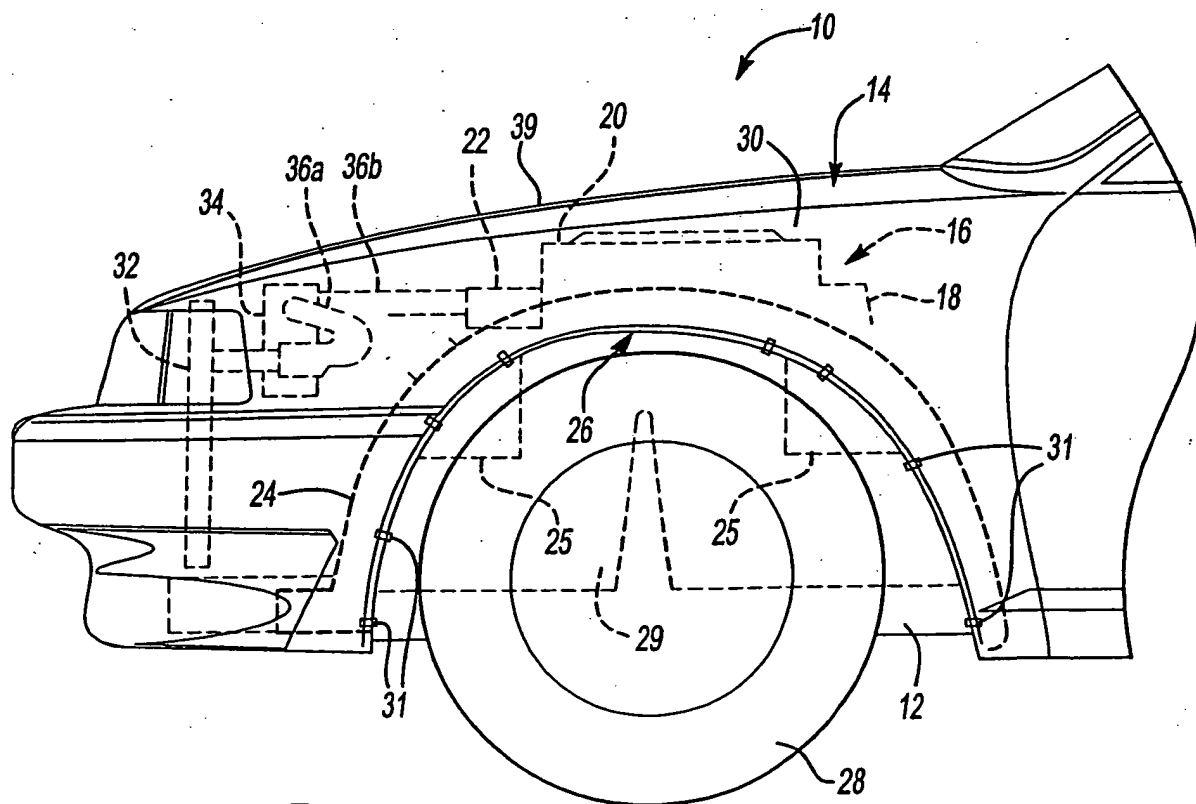
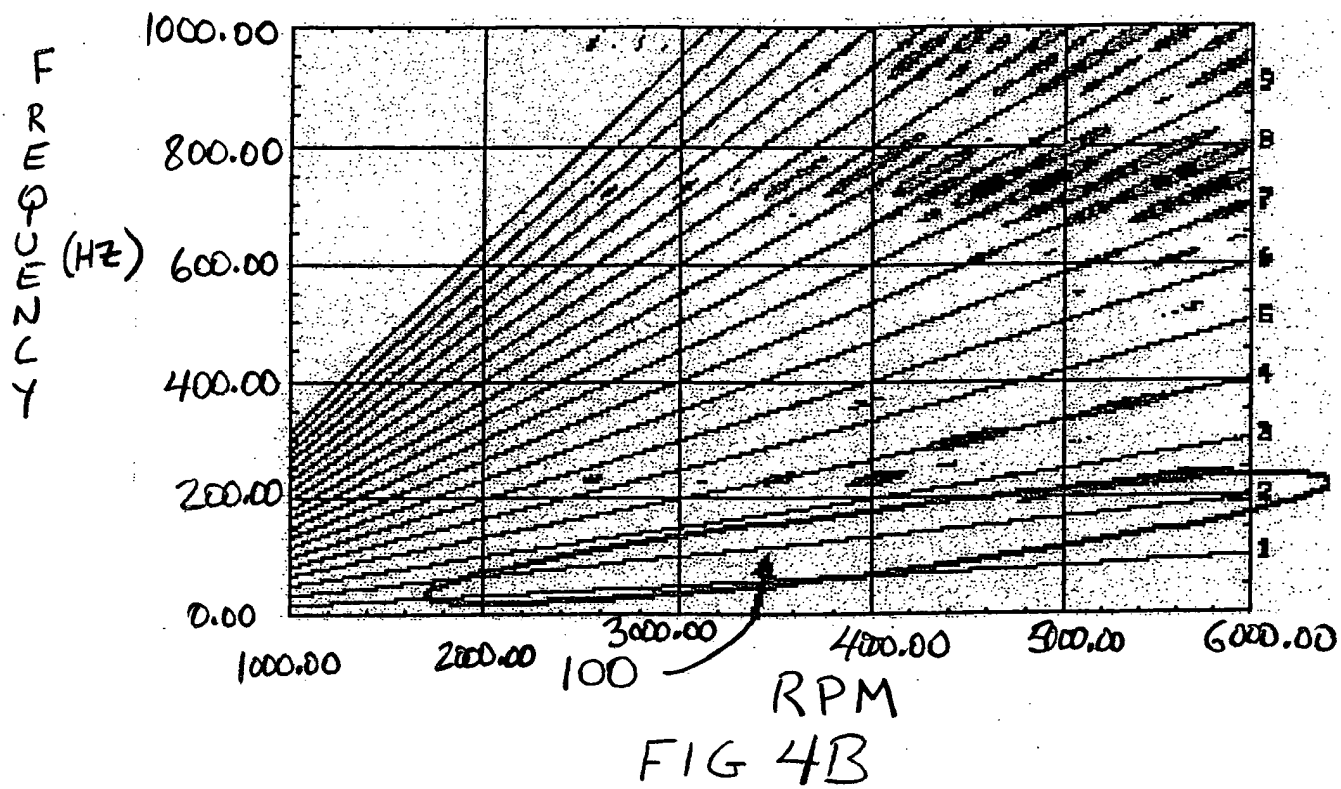
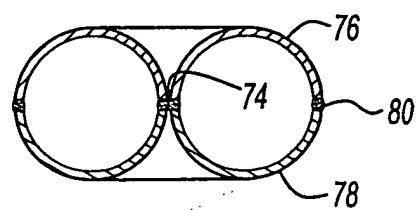
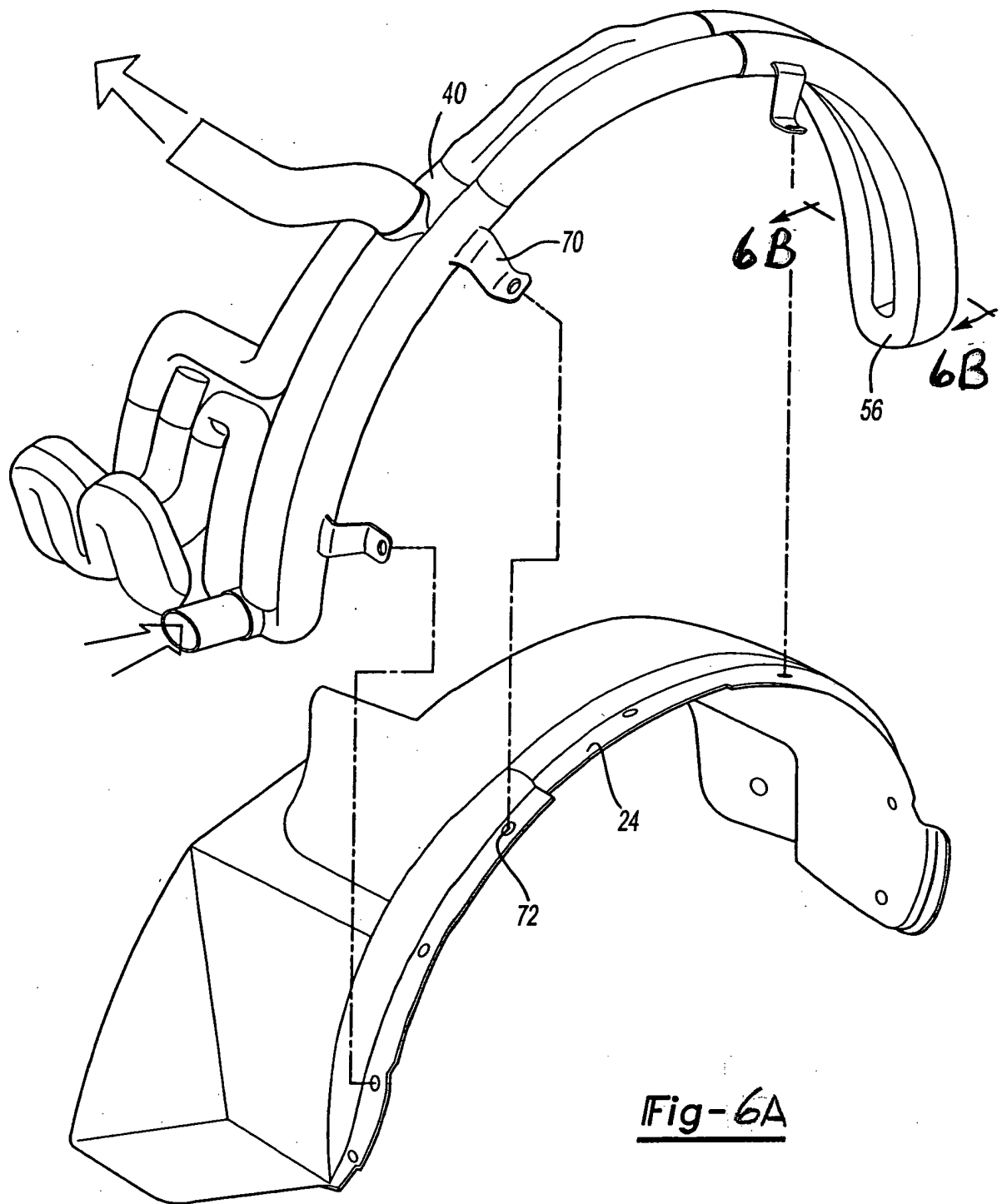
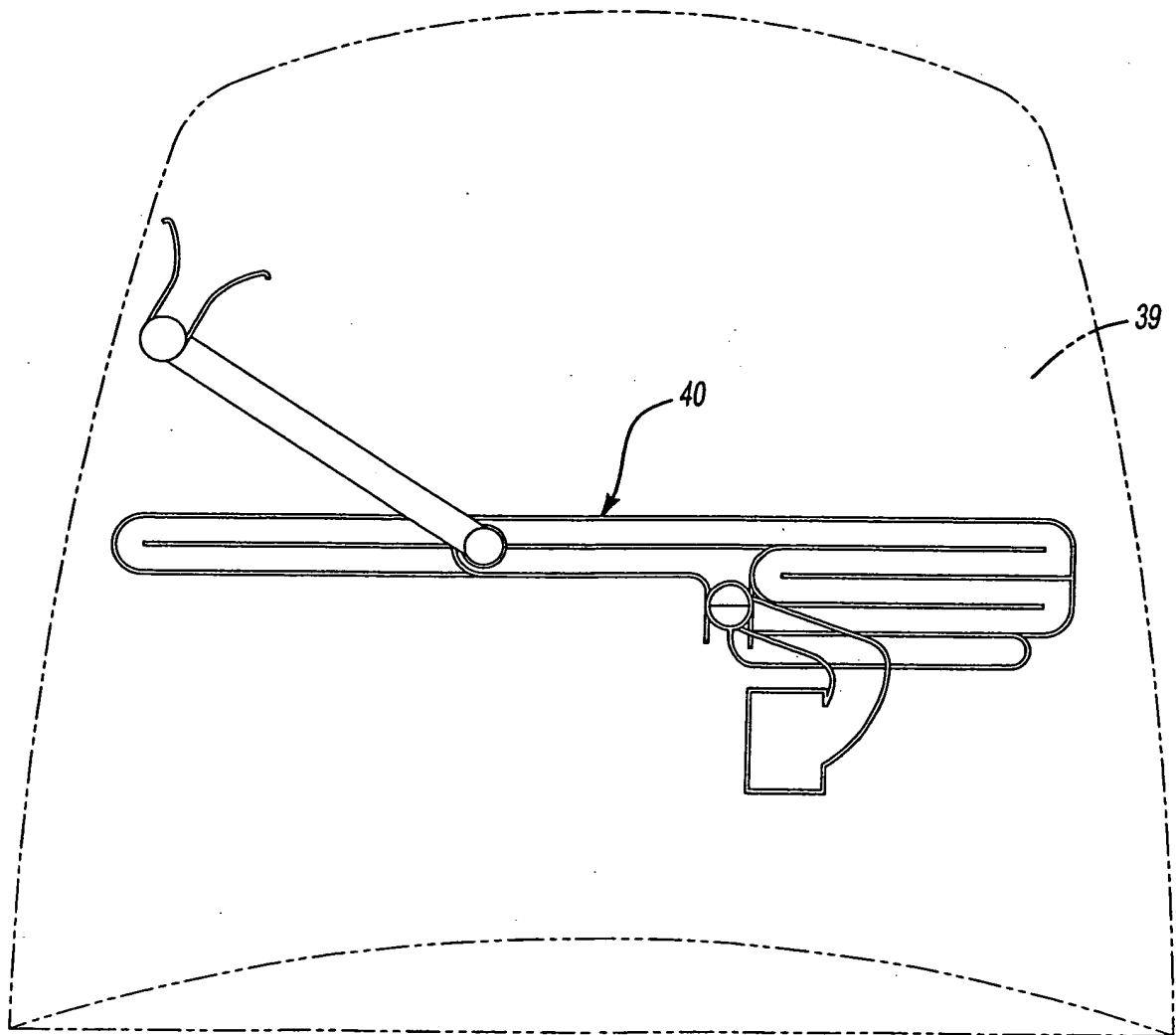
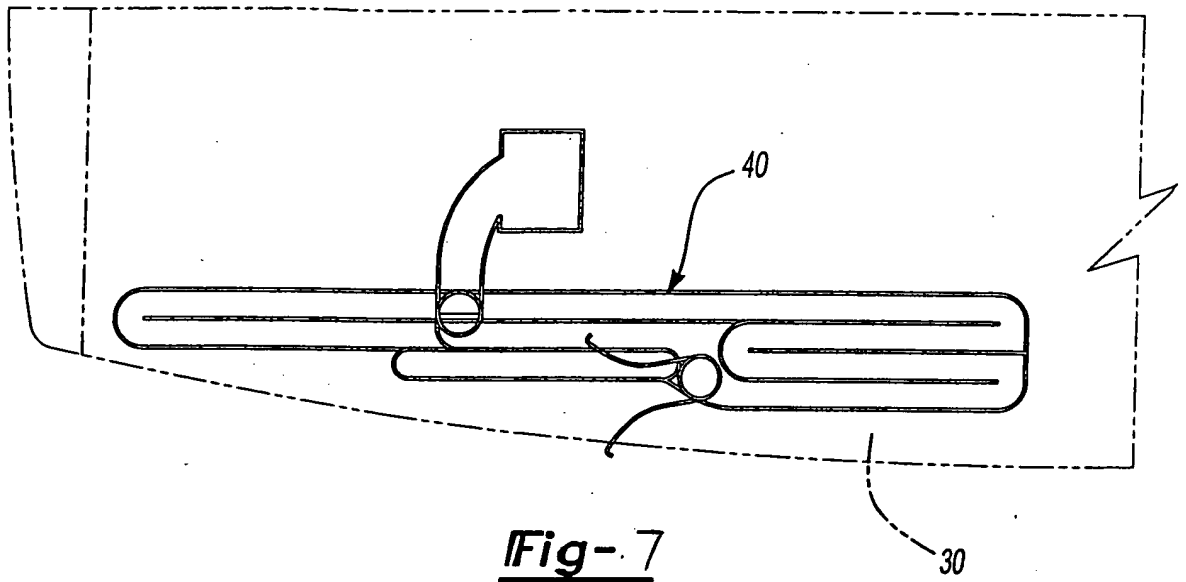


Fig-5





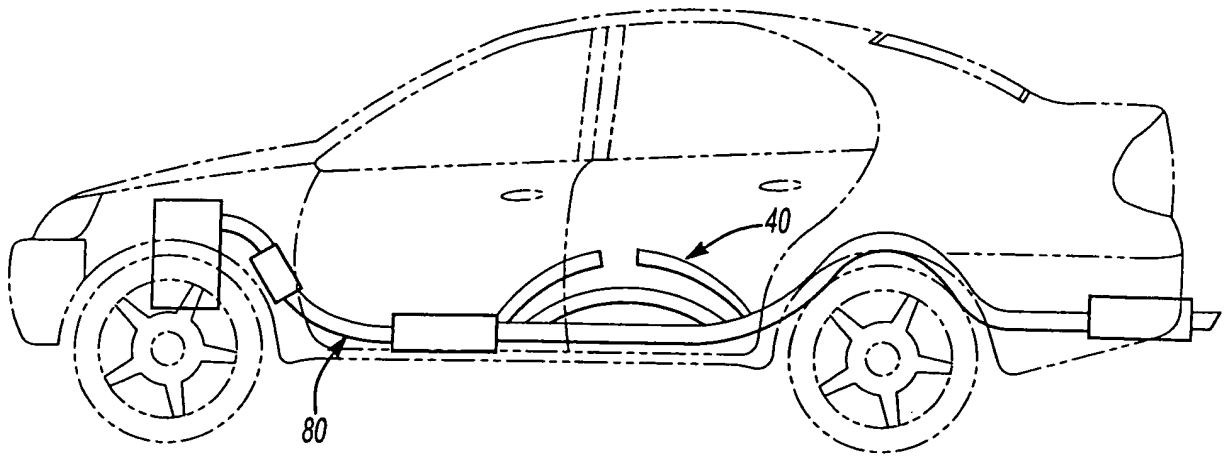


Fig-9

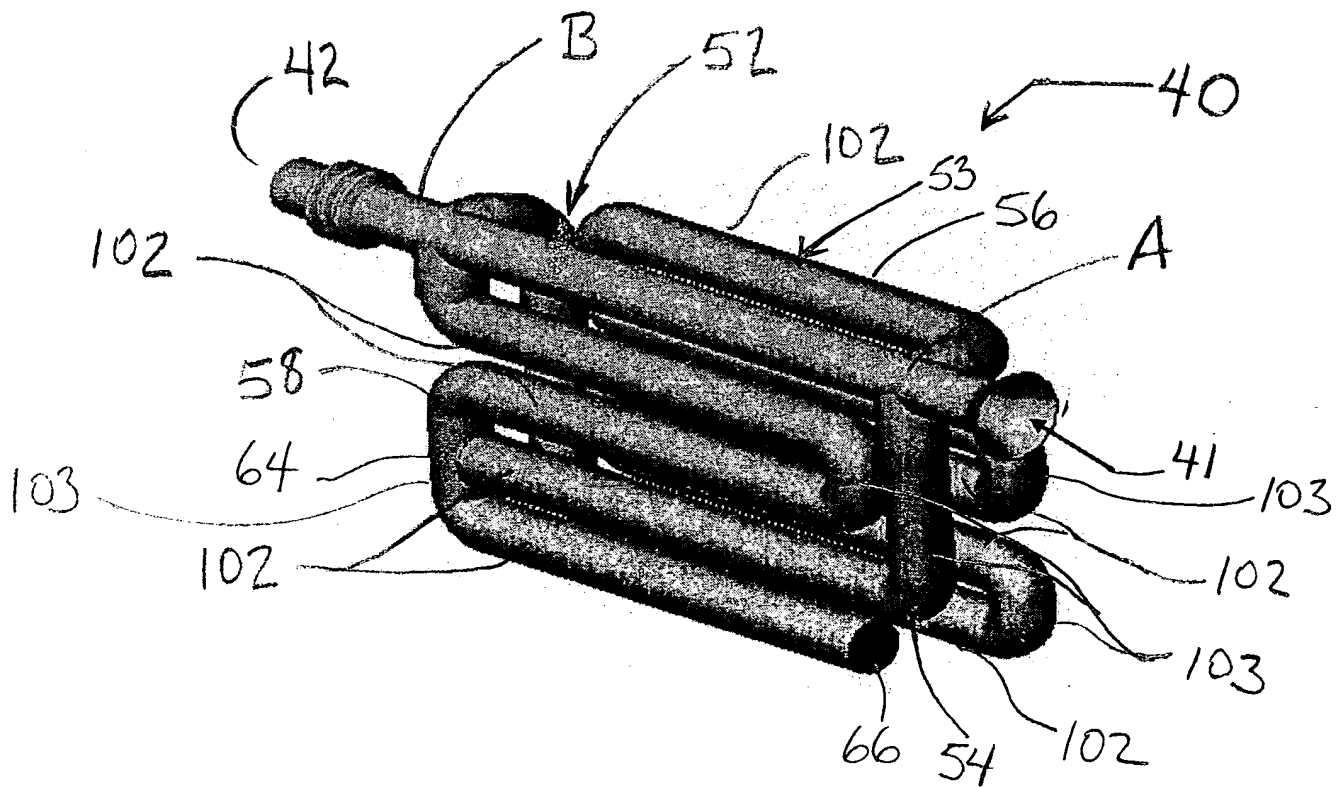


FIG 10

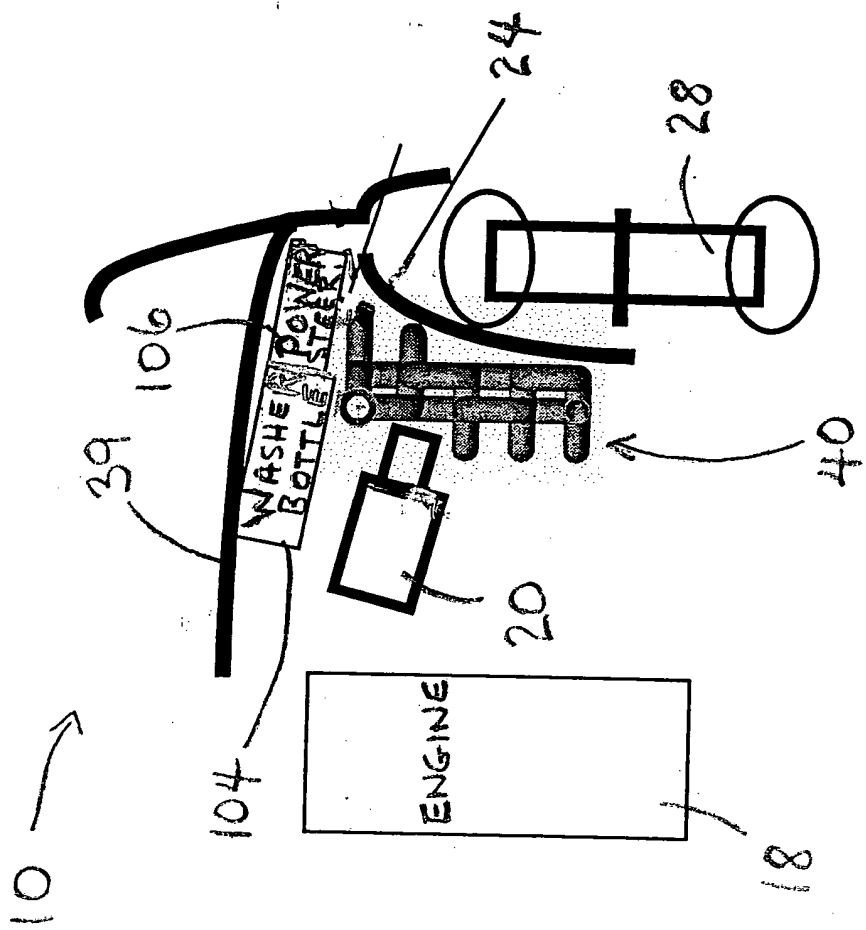


FIG 11

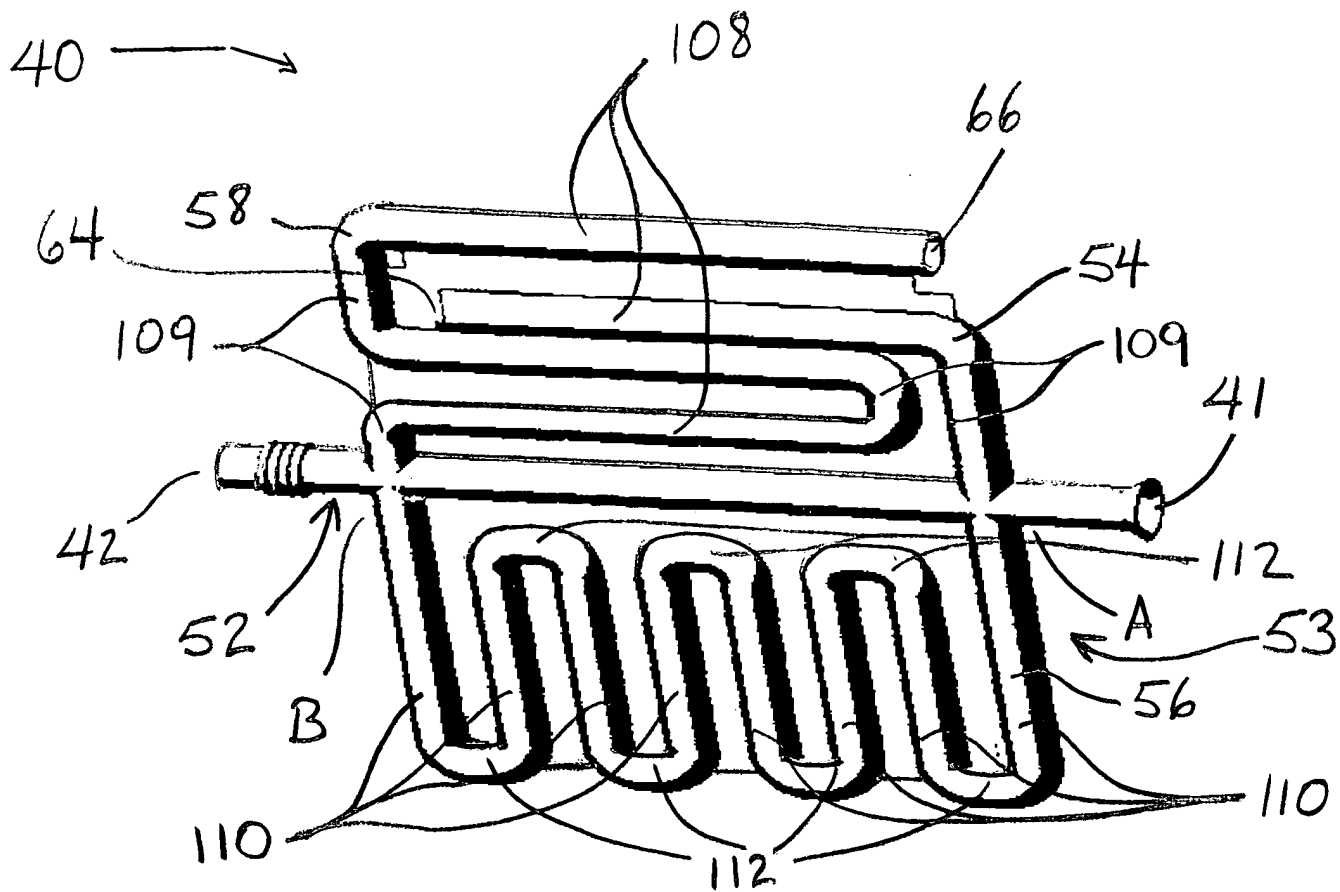


FIG 12

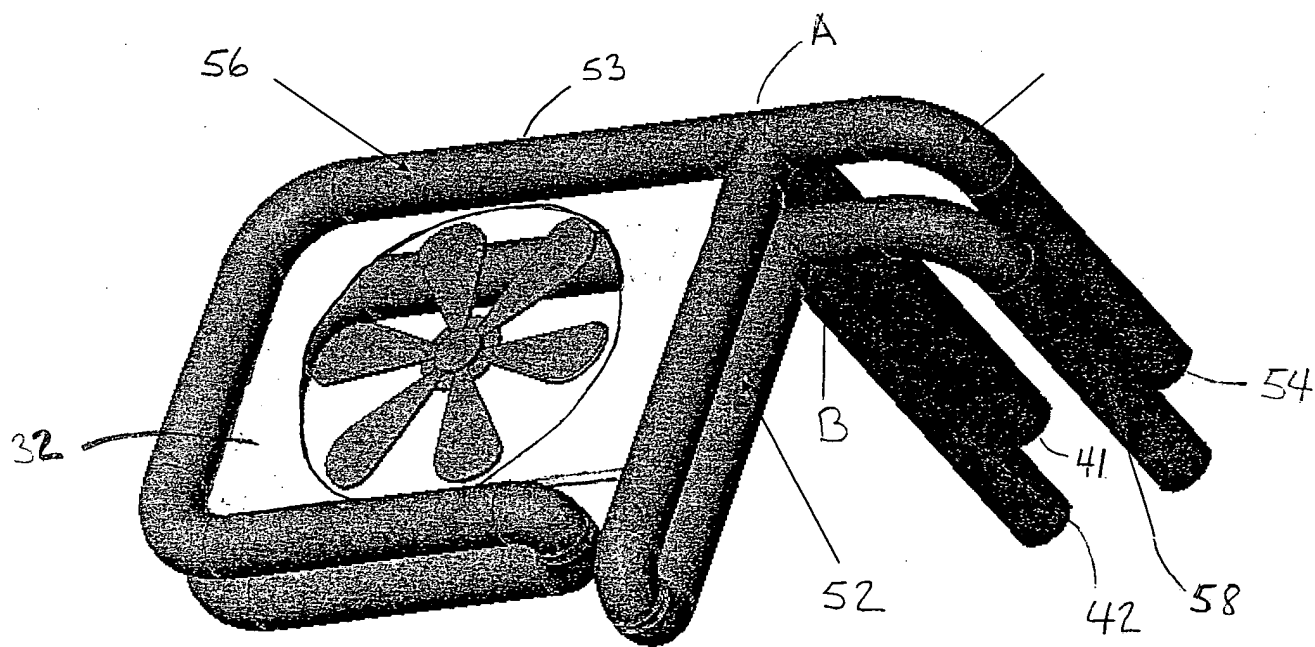
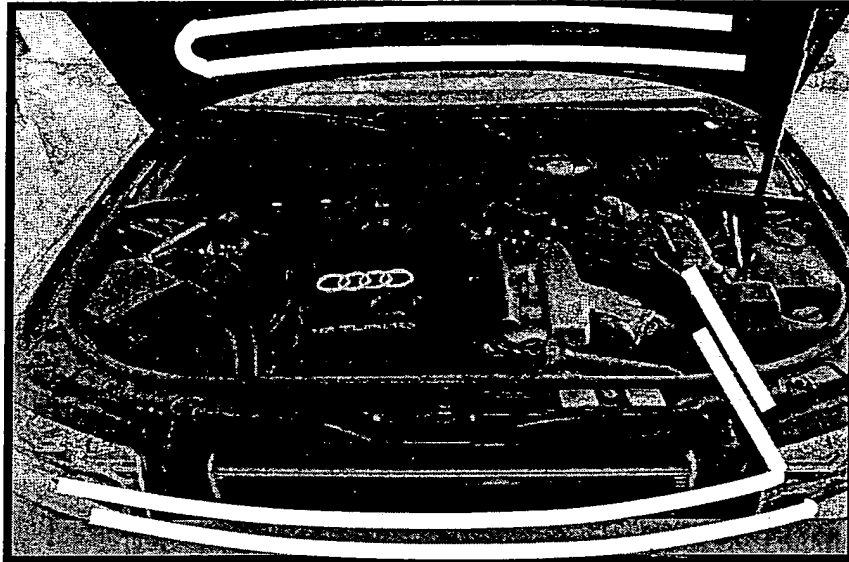


FIG 13



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FIG 14